



Francisco Campuzano

Researcher

Maretec - Instituto Superior Técnico - Universidade de Lisboa

<http://www.maretec.org>

Bilateral Meetings

- 10:00 h - 13:00 h
- 14:00 h - 16:00h

Description

The Instituto Superior Técnico (IST), the Engineering School of the Universidade de Lisboa is Portugal's main Engineering School with about 7000 undergraduate students and 2000 graduate students. Research activities IST are organized into Research Centres and Institutes. MARETEC is IST's multidisciplinary research centre, coordinated by Prof. Ramiro Neves (www.maretec.org and www.mohid.com). MARETEC's main activities are numerical modelling applied to aquatic environmental problems, monitoring and data management. Since 2009, Maretec has invested in operational modelling and nowadays provides daily modelling results for circulation, ecology and waves for the Portuguese Coastal waters and watersheds at different scales (<http://forecast.maretec.org>). The Maretec research centre is partner of several international working groups as the Ireland-Biscay-Iberia Regional Operational Oceanographic System (IBI-ROOS, <http://www.ibi-roos.eu>), the ICES Working Group on Operational Oceanographic Products for Fisheries and Environment (WGOOFE, <http://groupsites.ices.dk/sites/wgoofe/Pages/default.aspx>) and the Coastal Ocean and Shelf Seas Modelling WG - EuroGOOS. Recently, I've been involved as a partner in two MRE European projects (Energymare and Turnkey) and it is providing waves, currents and atmospheric forecast to some Portuguese companies and evaluating the available energy resources for Portugal but with a technology feasible that could be applied to any other part of the planet. This data is being designed to supply services as operation and maintenance for MREs. These tools are also provided through one of the group spin-off Action Modulers (<http://www.actionmodulers.com>).

Organization Type

Research Institution, Consultant

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Country

Portugal

City

Lisbon, Av. Rovisco Pais [Google map](#)

Offer

Operational Modelling of currents, waves, atmosphere and river flows

waves, currents, river flow and atmospheric forecast to supply services as operation and maintenance for MREs and numerical evaluation of the available energy resources in any region of interest in the world

Cooperation Offered

1. Commercial cooperation
2. R&D Cooperation

Cooperation Requested

1. Commercial cooperation
2. R&D Cooperation

Offer & Request

Research Cooperation

Public or private research cooperation for projects including European funded projects

Cooperation Offered

1. Commercial cooperation
2. R&D Cooperation

Cooperation Requested

1. Commercial cooperation
2. R&D Cooperation